STARLINE RANGE
INSTALLATION / WIRING INSTRUCTIONS

**Whitecroft lighting**

Lighting for Life

1. Fix spring clips with screws provided and push the STARLINE into the clips as shown in the diagram below.
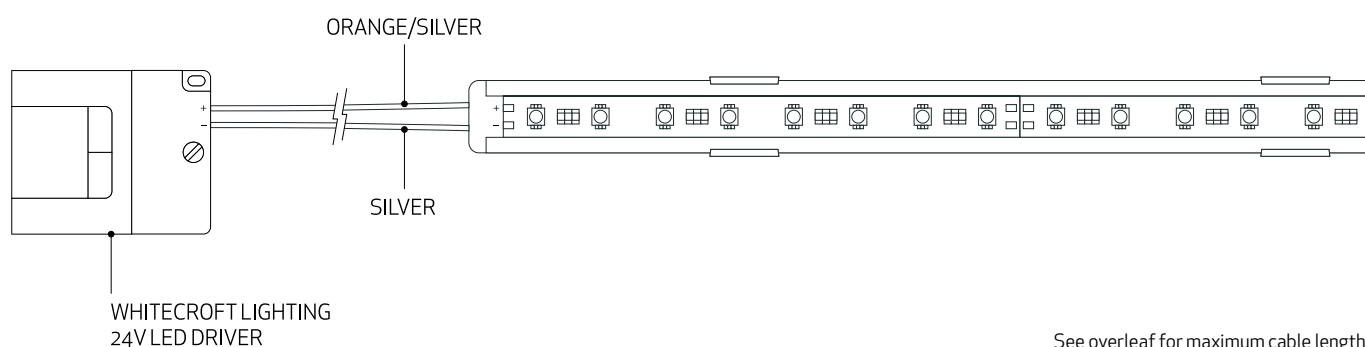
CLIPS
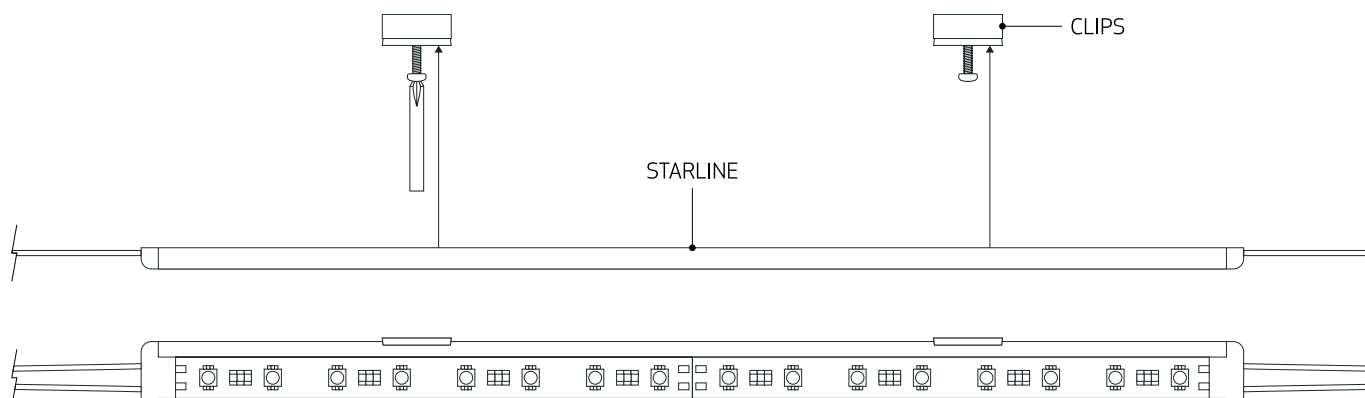
STARLINE

2. Connect the STARLINES together using the male/female PLUG 'N' PLAY connectors. Refer to the table below for maximum number of STARLINES per LED driver.

   NB: If the connectors are cut off for hard wiring, correct polarity must be maintained. Connect silver/orange wire to silver/orange and silver to silver. Whitecroft Lighting's CNUY2 waterproof connectors (sold separately) are ideal for this operation.

LED Driver	Max No. of units	Max No. of units
	STARLINE 600	STARLINE 1200
CN SLD20	2	1
CN SLD75	1	3

ORANGE/SILVER   ORANGE/SILVER

SILVER   SILVER
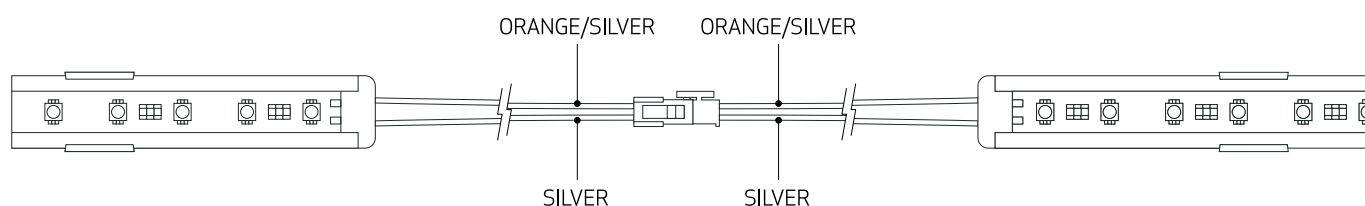
3. Connect the first strip to the output terminals of the LED driver by cutting off the PLUG 'N' PLAY connector ensuring the correct polarity is maintained.

ORANGE/SILVER

SILVER

WHITECROFT LIGHTING
24V LED DRIVER

**SEE OVERLEAF FOR GENERAL INFORMATION
BEFORE INSTALLATION**

See overleaf for maximum cable lengths

CE ♻

CNW 3034 V1

STARLINE RANGE
INSTALLATION / WIRING INSTRUCTIONS

1. A qualified electrician, in accordance with IEE wiring regulations should carry out connections to the mains supply.
2. Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
3. This product has been tested as working, and no credit will be given for misused products.
4. Insulation testing above 500V DC may cause damage.

STARLINE - MAXIMUM CABLE LENGTHS ARE SHOWN IN THE CHART BELOW

NOTE - Maximum cable length is the total length of cable including to the power supply and any cable extensions between the Starlines. For this calculation, do not include the cable already factory fitted onto the Starlines.

e.g. For an installation with 5 x STARLINE 600 units connected together, the maximum cable length is 65 metres if using 1.5mm² cable.

STARLINE 600 Number of units in installation	STARLINE 1200 Number of units in installation	Max cable length (metres) using 0.75mm²	Max cable length (metres) using 1.5mm²	Max cable length (metres) using 2.5mm²
		461	922	1429
1		228	456	706
		147	295	457
2	1	107	213	331
		82	164	255
3		66	131	204
		54	108	167
4	2	45	90	140
		38	76	118
5		33	65	101
		28	56	87
6	3	24	49	75
		21	42	65
7		18	37	57
		16	32	49
8	4	14	28	43
		12	24	37
9		10	21	32
		9	18	28
10	5	8	15	24
		6	13	20
11		5	11	17
		4	9	13
121	6	3	7	11

Longer lengths are possible, but details of the proposed installation will be needed for us to calculate if the system will function correctly.
Please contact Whitecroft Lighting Ltd for further advice.

SPECIFICATION FOR STARLINE:
Lamp Type: LED
Finish: Aluminium
Material: Anodised aluminium
Product weight: STARLINE 600 - 0.1kg
STARLINE 1200 - 0.2kg
Driver: 24V DC
Operating temperature (Ta): 40°C
Wiring: 2-core direct to driver output
Ingress protection: IP65

STARLINE 600: 620mm STARLINE 1200: 1220mm
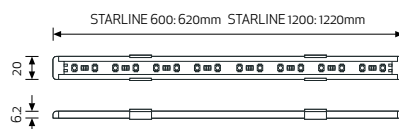
See overleaf for installation/wiring instructions

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